

FIG. 1

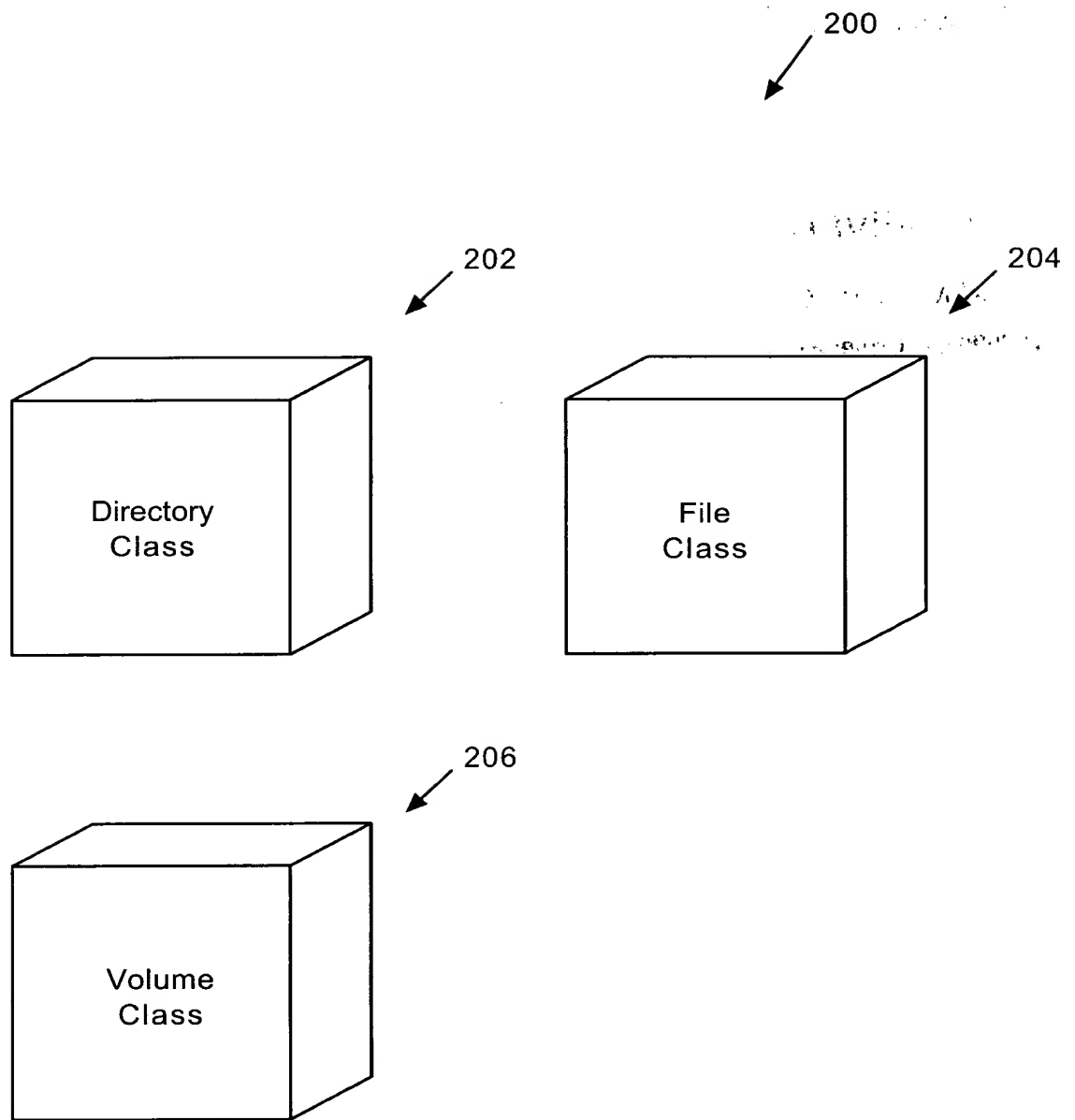


FIG. 2A

202

## Directory Class

202a

### ATTRIBUTES:

Type  
Actions Enabled  
Permissions  
Owner  
Group ID  
Local ID  
Local Parent ID  
MAESI Bit  
Mirror Bit  
Mirror Target ID  
Multicast IPV6 Address  
Multicast mirror group  
Frequency of Mirror  
Time Stamps  
Etc.

202b

### OPERATIONS:

Create ();  
Delete ();  
Move ();  
Change owner ();  
Change group ();  
Link ();  
Unlink ();  
Change permissions ();

FIG. 2B

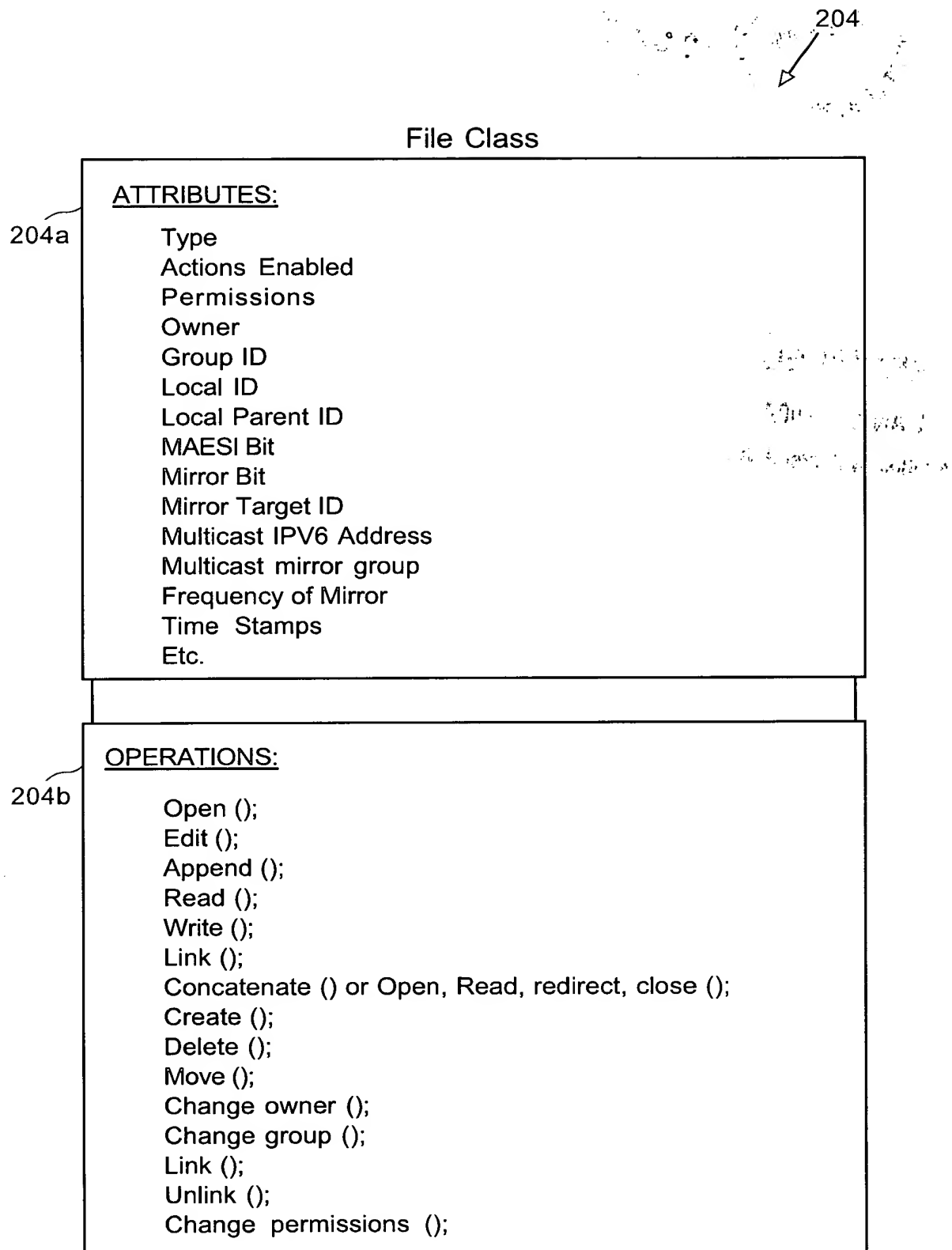


FIG. 2C

300

DIR. A	$F_{A1}$	$F_{A2}$	$F_{A3}$	DIR. B	$F_{B1}$	$F_{B2}$	DIR. C	$F_{C1}$	$F_{C2}$	$F_{C3}$	$F_{C4}$	DIR. D	$F_{D1}$	$F_{D2}$
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FIG. 3A

350

300

DIR. A	F <sub>A1</sub>	F <sub>A2</sub>	F <sub>A3</sub>	DIR. B	F <sub>B1</sub>	F <sub>B2</sub>	DIR. C	F <sub>C1</sub>	F <sub>C2</sub>	F <sub>C3</sub>	F <sub>C4</sub>	DIR. D	F <sub>D1</sub>	F <sub>D2</sub>
(IPID)	DIR. A			DIR. A	DIR. B		DIR. A	DIR. C				DIR. C	DIR. D	
Vol. Z														
Pointer A	N/A			Pointer B	N/A		Pointer C	N/A				Pointer D	N/A	

300A

(CI)

300B

FIG. 3B

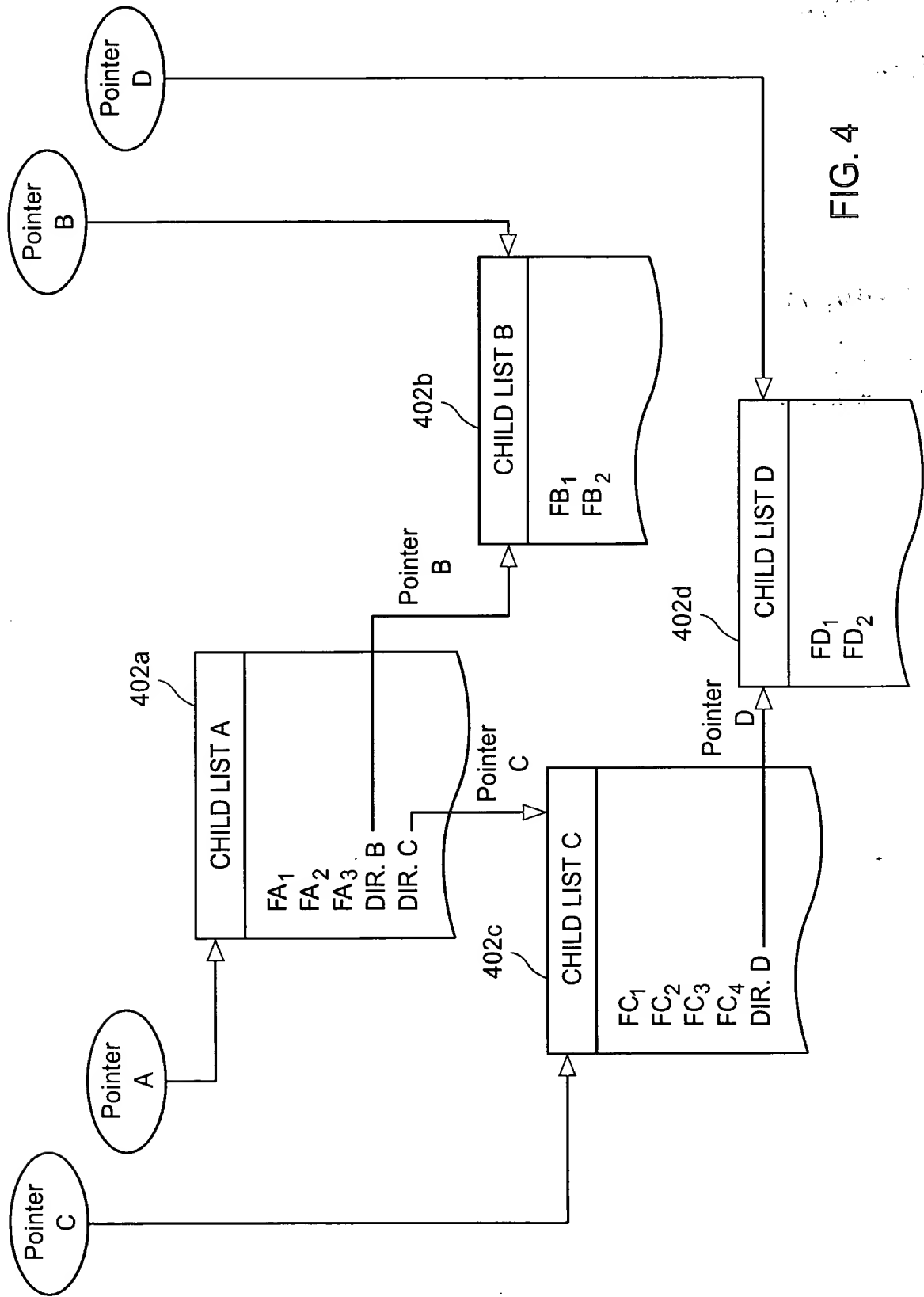


FIG. 4

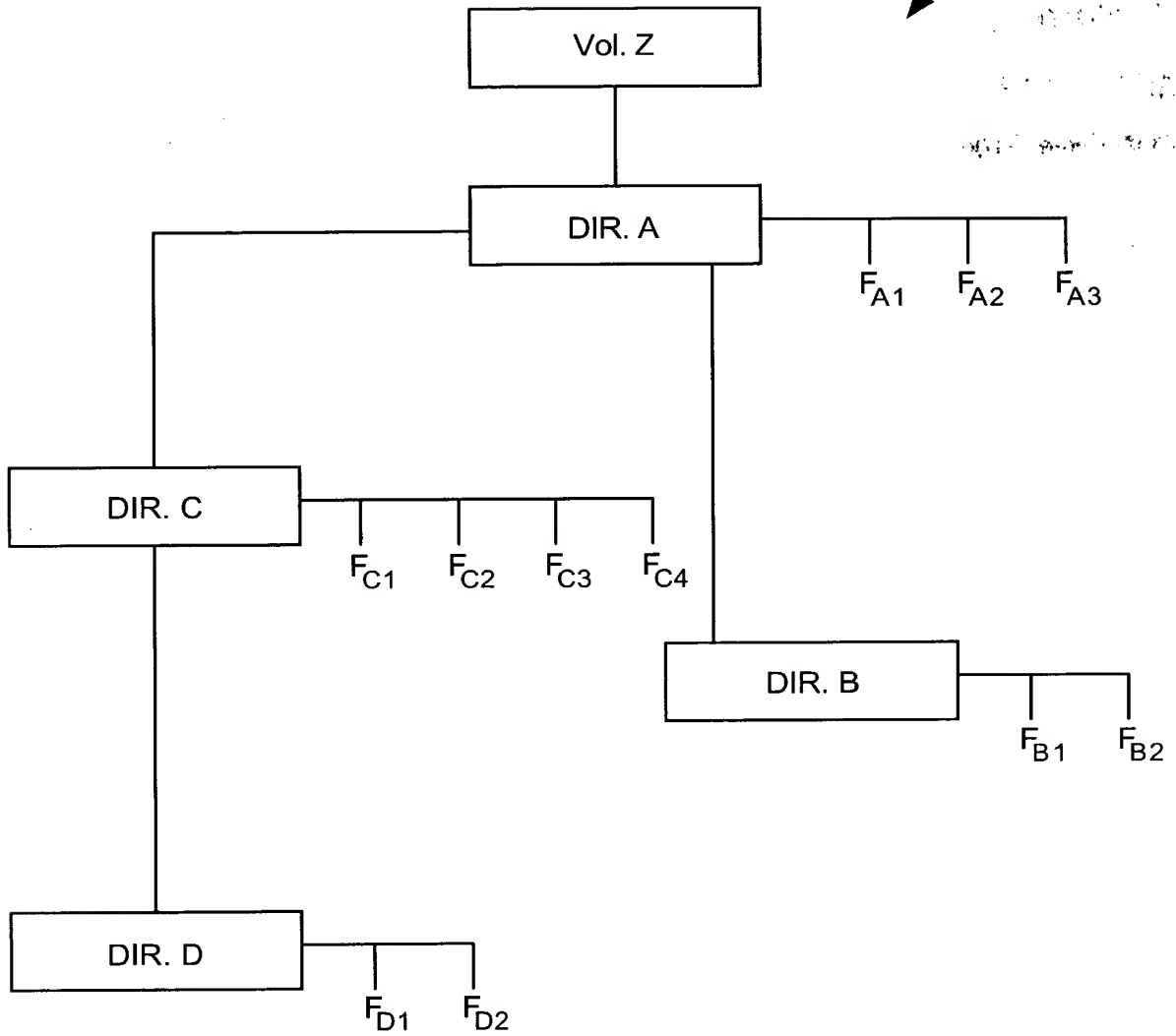


FIG. 5



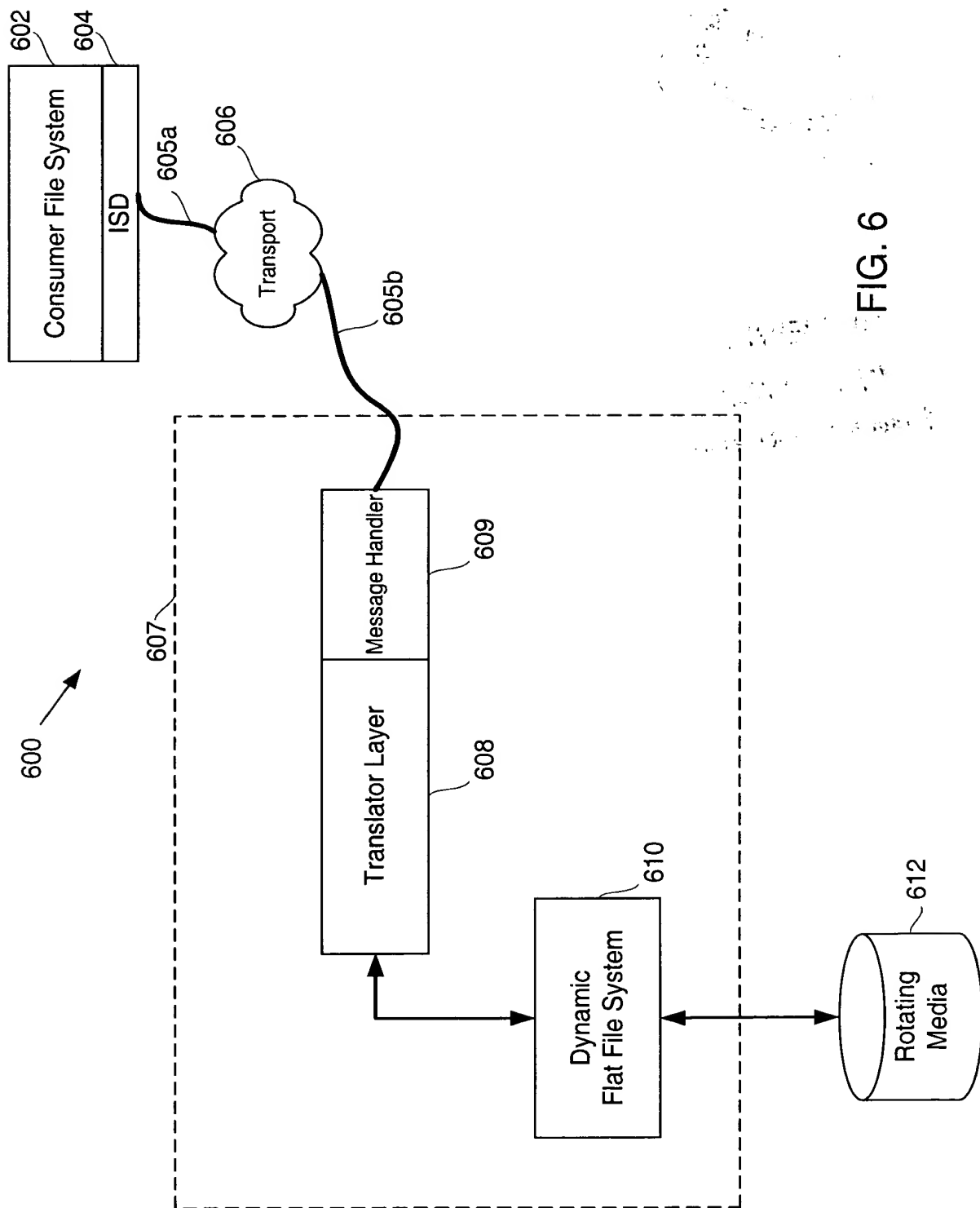


FIG. 6

700 →

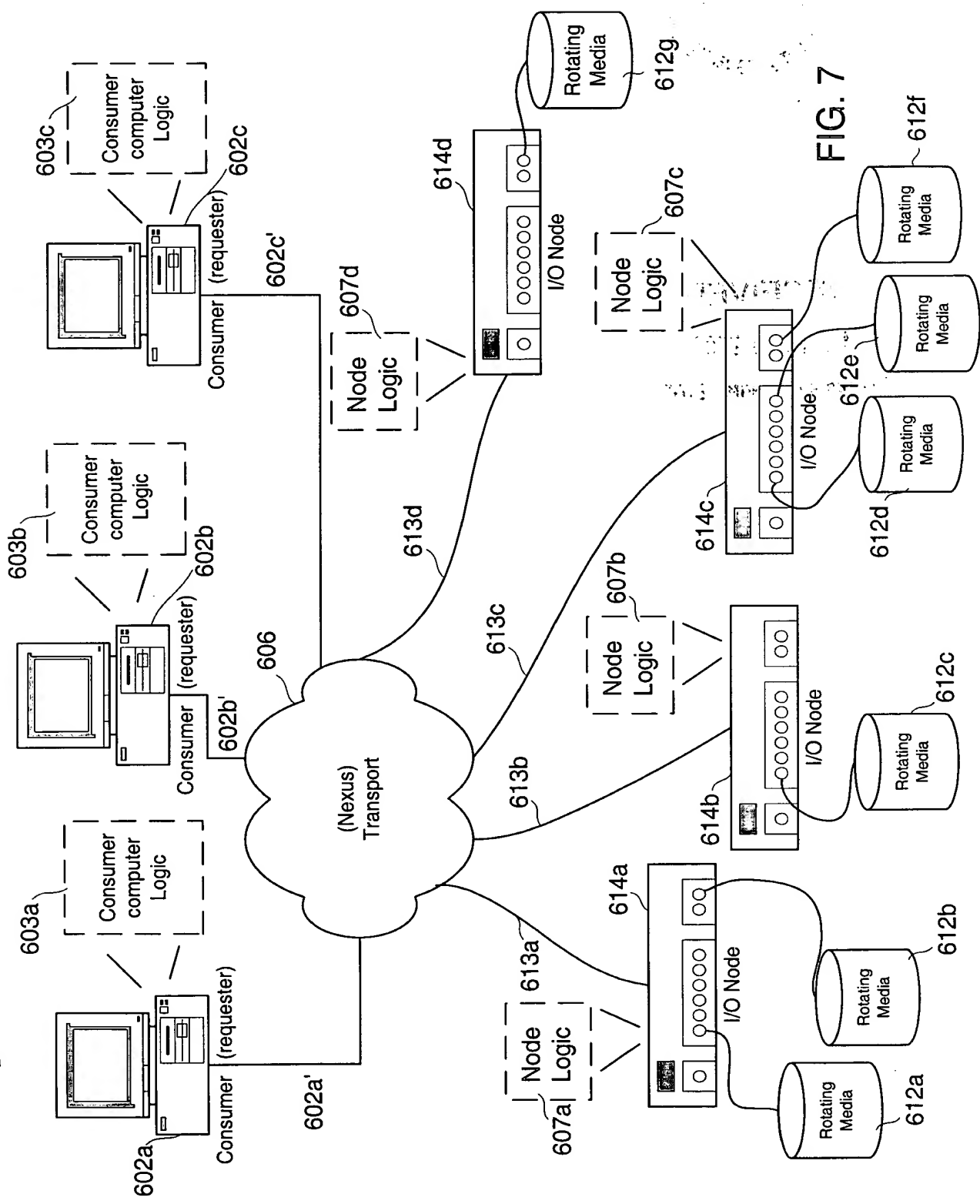


FIG. 7

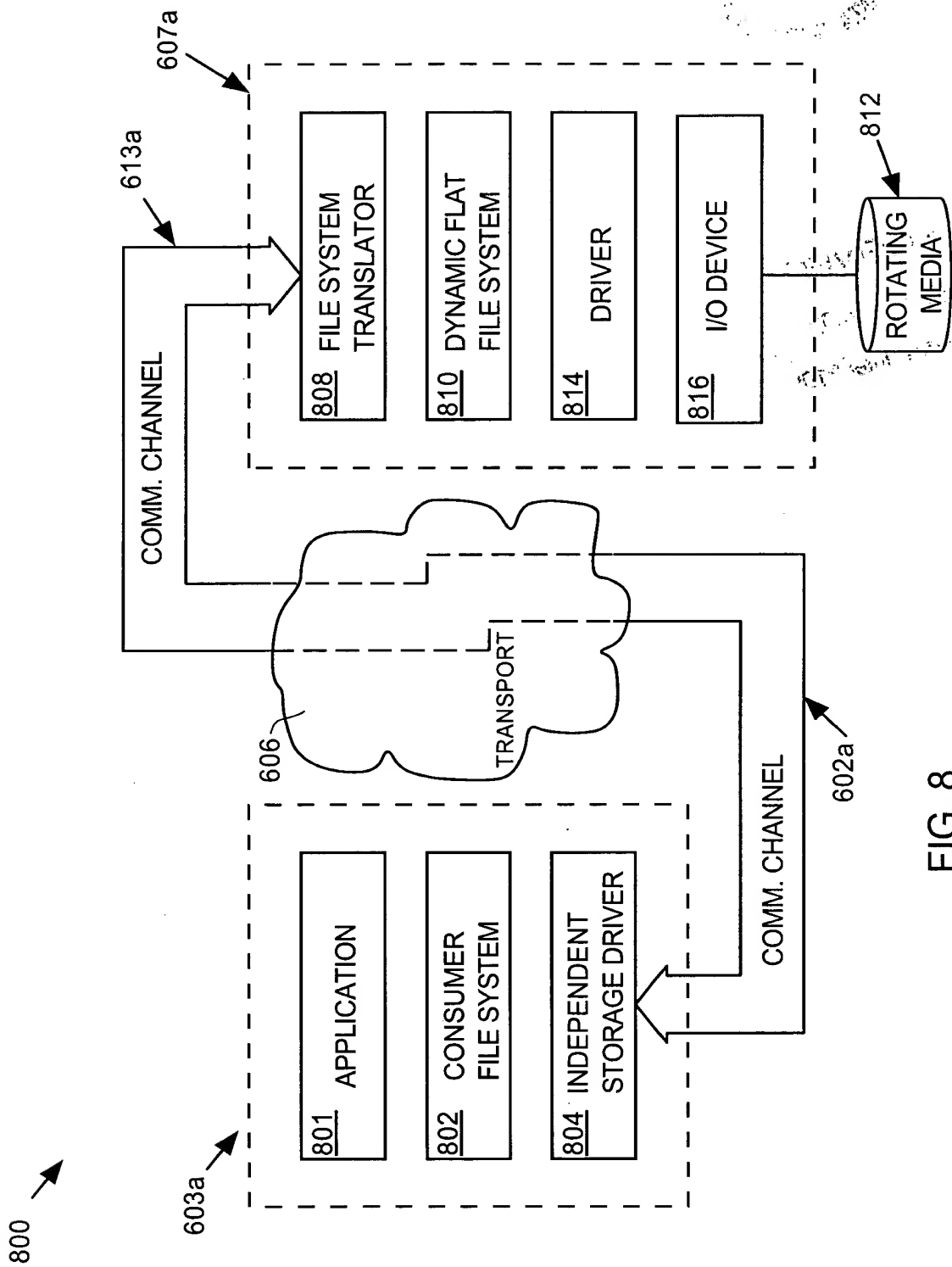


FIG. 8

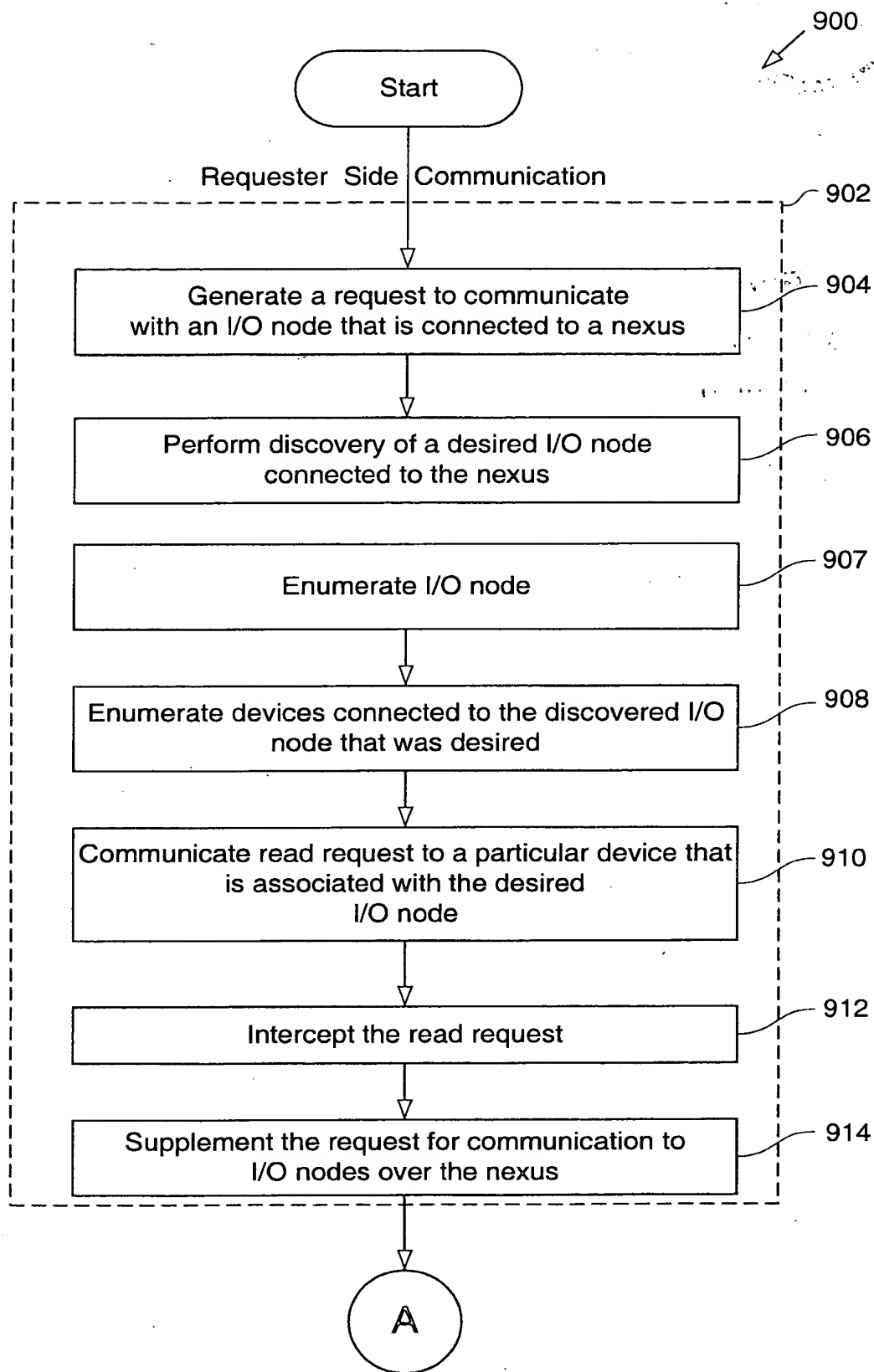


FIG. 9A

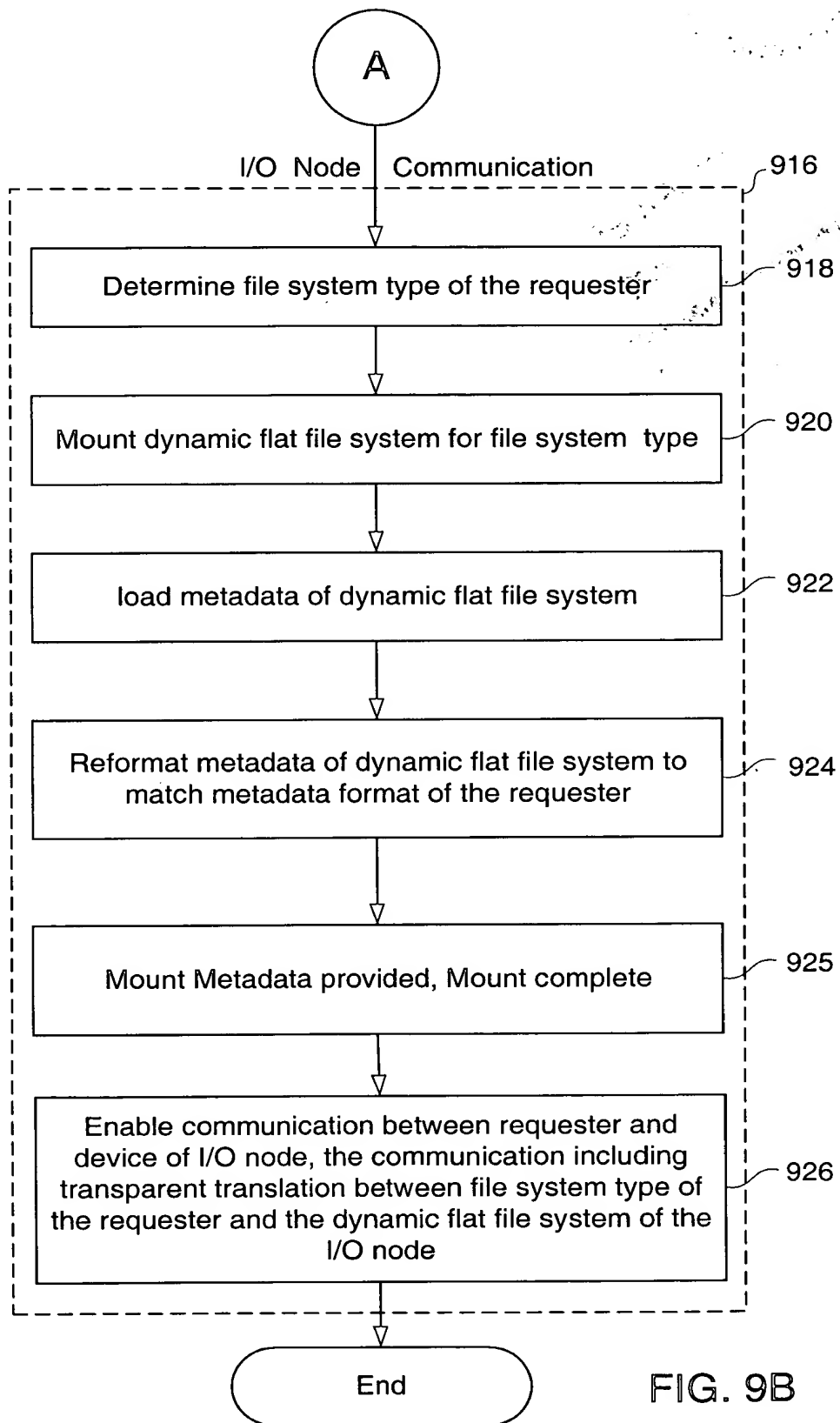


FIG. 9B